

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E40691

Participation : CTR

Employer : Snohomish County PUD #1

Status : Affected

Worksite : Snohomish Co. PUD#1 - Paine Field

Survey Type : Online

Street : 1802 75th St Sw

Response Rate : 78%

Jurisdiction : City of Everett

Survey Date : 11/2/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 11.3%

Drive Alone Rate : 88.7%

One-Way VMT per employee : 16.2

Average One-Way distance home to work : 17.5

Employees and Survey Response Information

Reported Total Employees at Worksite: 448

Surveys Distributed : 333

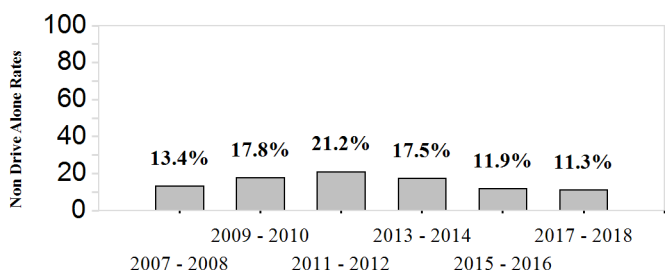
Surveys Returned : 260

Surveys Returned by CTR Affected* Employees : 257

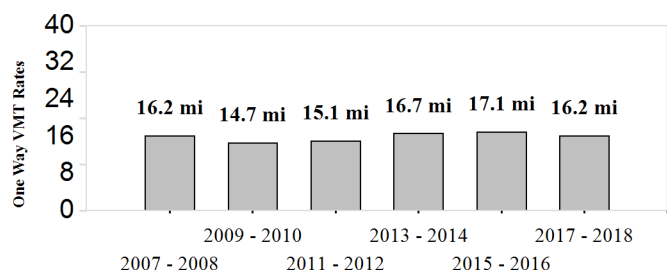
Total Estimated CTR Affected Employees at Worksite : 329

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

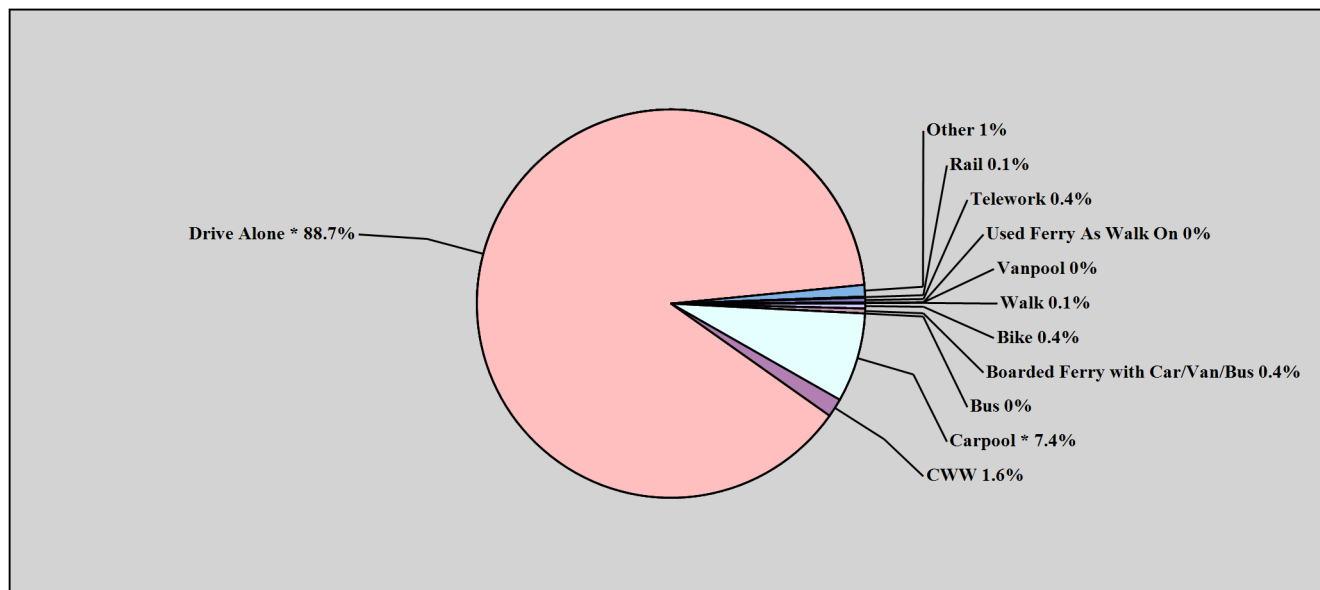
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	13.4%	14.1%	888	1267	24.9	16.2	15.5
2009 - 2010	17.8%	17.8%	918	1266	24.9	14.7	14.6
2011 - 2012	21.2%	21.8%	986	1415	27.9	15.1	14.6
2013 - 2014	17.5%	17.4%	1056	1544	30.4	16.7	16.2
2015 - 2016	11.9%	12.3%	1015	1472	29.0	17.1	16.7
2017 - 2018	11.3%	11.4%	789	1359	26.7	16.2	16.1
Target	19.4%				Target:	13.3	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-2.1				% Change from Baseline:	0.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



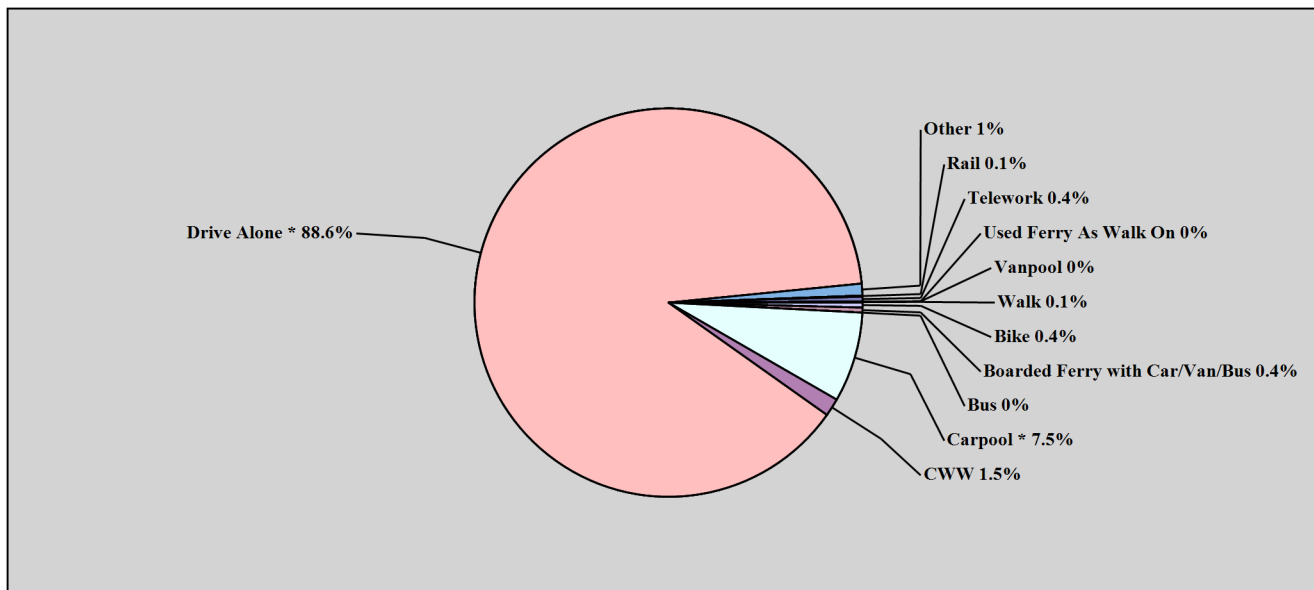
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,086	88.7%	88.0%	244	93.8%	91.6%
Carpool *	91	7.4%	9.1%	26	10.0%	11.7%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	0.4%	0	0.0%	0.6%
Rail	1	0.1%	0.0%	1	0.4%	0.0%
Bike	5	0.4%	0.4%	2	0.8%	0.3%
Walk	1	0.1%	0.1%	1	0.4%	0.3%
Telework	5	0.4%	0.0%	5	1.9%	0.0%
CWW	19	1.6%	1.0%	15	5.8%	4.5%
Boarded Ferry with Car/Van/Bus	5	0.4%	0.0%	2	0.8%	0.0%
Used Ferry As Walk On	0	0.0%	0.4%	0	0.0%	0.6%
Other	12	1.0%	0.7%	4	1.5%	1.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,075	88.6%	87.7%	241	93.8%	91.7%
Carpool *	91	7.5%	9.3%	26	10.1%	11.9%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	0.4%	0	0.0%	0.7%
Rail	1	0.1%	0.0%	1	0.4%	0.0%
Bike	5	0.4%	0.4%	2	0.8%	0.4%
Walk	1	0.1%	0.1%	1	0.4%	0.4%
Telework	5	0.4%	0.0%	5	1.9%	0.0%
CWW	18	1.5%	1.1%	14	5.4%	5.0%
Boarded Ferry with Car/Van/Bus	5	0.4%	0.0%	2	0.8%	0.0%
Used Ferry As Walk On	0	0.0%	0.4%	0	0.0%	0.7%
Other	12	1.0%	0.7%	4	1.6%	0.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	212	82%	260	100%
1 Days	17	7%	48	18%
2 Days	6	2%	31	12%
3 Days	3	1%	25	10%
4 Days	9	3%	22	8%
5 Days	13	5%	13	5%
6 or More Days	0	0%	0	0%

Count by Occupancy of Carpools and Vanpools

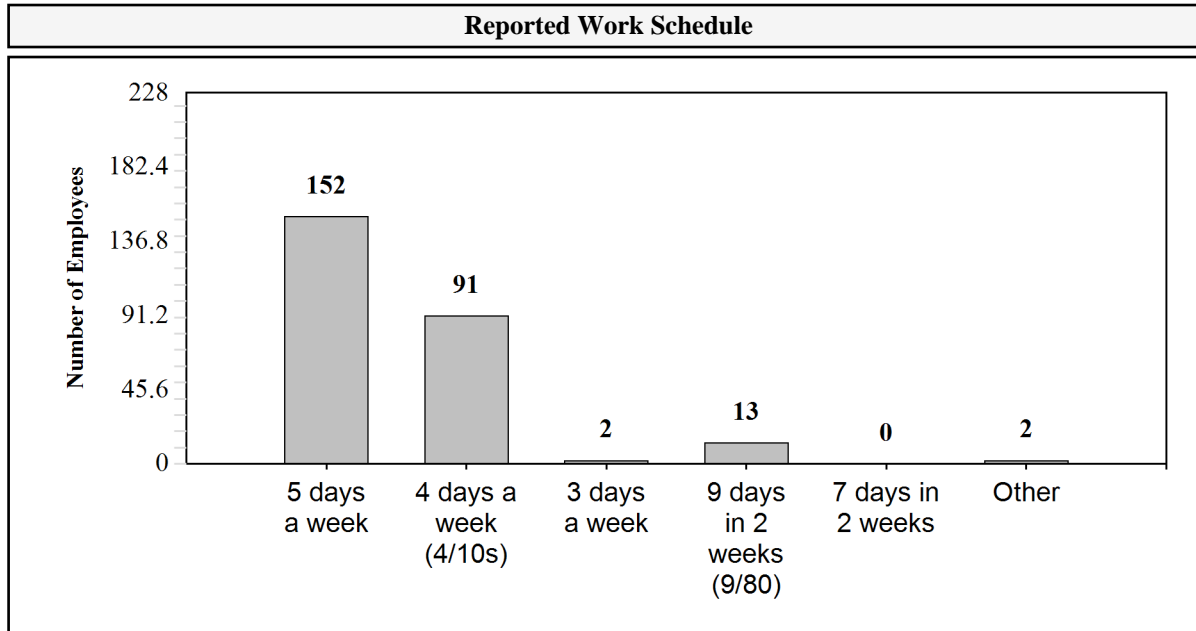
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	90
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	1
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

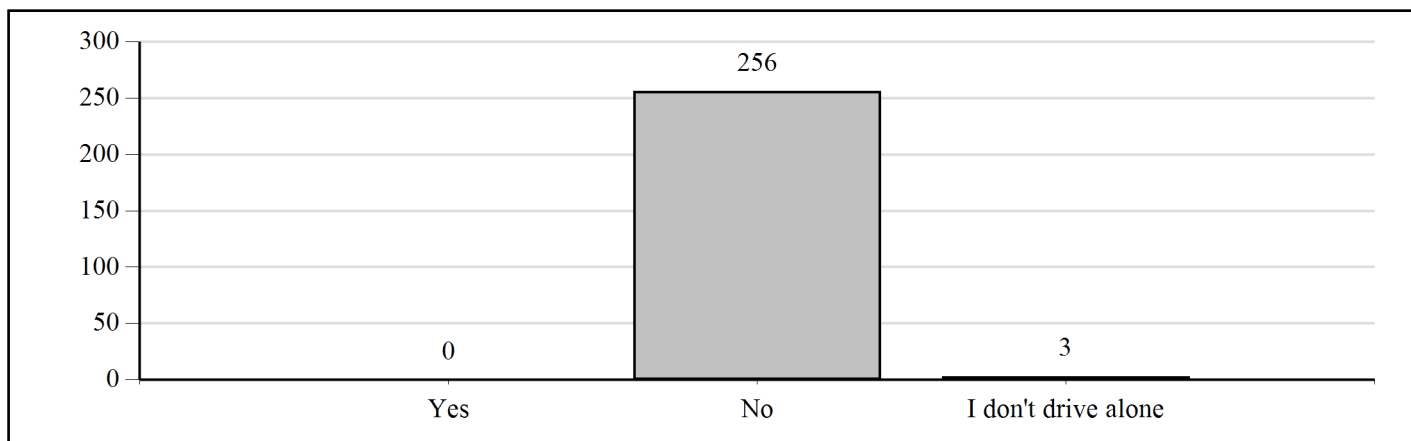
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	152	58.5%
4 days a week (4/10s)	91	35%
3 days a week	2	0.8%
9 days in 2 weeks (9/80)	13	5%
7 days in 2 weeks	0	0%
Other	2	0.8%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.8%
I don't telework	231	88.8%
Occasionally, on an as-needed basis	21	8.1%
1-2 days/month	2	0.8%
1 day/week	3	1.2%
2 days/week	0	0.0%
3 days/week	1	0.4%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	94	20.2%
To save time using the HOV lane	54	11.6%
Other	52	11.2%
Personal health or well-being	49	10.5%
Financial incentives for carpooling, bicycling or walking.	42	9.0%
Environmental and community benefits	40	8.6%
Driving myself is not an option	31	6.7%
I have the option of teleworking	29	6.2%
Emergency ride home is provided	27	5.8%
Free or subsidized bus, train, vanpool pass or fare benefit	22	4.7%
Preferred/reserved carpool/vanpool parking is provided	11	2.4%
Cost of parking or lack of parking	9	1.9%
I receive a financial incentive for giving up my parking space	6	1.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	180	27.0%
Riding the bus or train is inconvenient or takes too long	175	26.3%
Family care or similar obligations	95	14.3%
My commute distance is too short	70	10.5%
Bicycling or walking isn't safe	54	8.1%
Other	52	7.8%
I need more information on alternative modes	19	2.9%
My job requires me to use my car for work	18	2.7%
There isn't any secure or covered bicycle parking	3	0.5%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98258	22	8.46%	73	19	0	3	0	0	0	0	2	9	0	0	0
98290	22	8.46%	96	4	0	0	0	0	0	0	1	0	0	0	0
98201	21	8.08%	90	0	0	0	0	0	3	0	0	1	0	0	0
98203	20	7.69%	93	0	0	0	0	0	2	0	0	0	0	0	0
98208	20	7.69%	98	0	0	0	0	0	0	0	0	0	0	0	0
98292	19	7.31%	64	16	0	4	0	0	0	0	1	1	0	0	0
98270	15	5.77%	59	9	0	2	0	0	0	0	0	2	0	0	1
98012	14	5.38%	63	0	0	0	0	0	0	0	0	0	0	0	0
98223	14	5.38%	57	9	0	0	0	0	0	0	0	0	0	0	0
98296	9	3.46%	33	10	0	0	0	0	0	0	0	0	0	0	0
98271	8	3.08%	35	4	0	0	0	0	0	0	0	1	0	0	0
98275	8	3.08%	37	0	0	0	0	0	0	0	0	1	0	0	0
98036	5	1.92%	24	0	0	0	0	0	0	0	0	0	0	0	0
98272	5	1.92%	20	1	0	0	0	1	0	1	0	0	1	0	0
98037	4	1.54%	16	0	0	3	0	0	0	0	0	0	0	0	0
98021	3	1.15%	14	0	0	0	0	0	0	0	0	0	0	0	0
98026	3	1.15%	10	4	0	0	0	0	0	0	0	0	0	0	0
98028	3	1.15%	15	0	0	0	0	0	0	0	0	0	0	0	0
98087	3	1.15%	13	0	0	0	0	0	0	0	0	1	0	0	0
98282	3	1.15%	14	0	0	0	0	0	0	0	0	0	0	0	0
98011	2	0.77%	7	3	0	0	0	0	0	0	0	0	0	0	0
98052	2	0.77%	9	0	0	0	0	0	0	0	0	1	0	0	0
98204	2	0.77%	10	0	0	0	0	0	0	0	0	0	0	0	0
98236	2	0.77%	0	2	0	0	0	0	0	0	0	0	0	0	7
98273	2	0.77%	4	5	0	0	0	0	0	0	0	0	0	0	0
98284	2	0.77%	6	5	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97258	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98020	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98058	1	0.38%	4	0	0	0	0	0	0	0	0	1	0	0	0
98072	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98082	1	0.38%	7	0	0	0	0	0	0	0	0	0	0	0	0
98105	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98115	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98117	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98125	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.38%	4	0	0	0	0	0	0	0	0	1	0	0	0
98133	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98206	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98225	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98241	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98252	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98274	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98329	1	0.38%	3	0	0	0	0	0	0	0	1	0	0	0	0
98335	1	0.38%	4	0	0	0	0	0	0	0	0	0	0	0	0
98342	1	0.38%	0	0	0	0	0	0	0	0	0	0	4	0	0
98346	1	0.38%	0	0	0	0	0	0	0	0	0	0	0	0	4
99026	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0